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(54) Title: PRECIOUS METAL CATALYST STABILIZED WITH IRON OXIDE FOR THE REMOVAL OF POLLUTANTS FROM EXHAUST GASES FROM LEANBURN ENGINES

(57) Abstract: Catalyst for exhaust-gas purification in lean-burn engines, characterized in that the catalyst comprises at least the following components: (i) iron oxide, (ii) platinum or rhodium or a mixture of platinum and rhodium as active metal, (iii) a support oxide, the support oxide containing zirconium oxide, cerium/zirconium mixed oxide or mixtures of these compounds if the active metal used is platinum alone, or the support oxide containing zirconium oxide, cerium/zirconium mixed oxide, aluminium oxide, aluminosilicate, silicon oxide, zeolite or mixtures of these compounds if the active metal used is rhodium or a mixture of platinum and rhodium.